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(74) Agents: **ASAHI**, Kazuo et al.; Nishi-Shinbashi Noa Bldg.
4th Floor, 18-9, Nishi-Shinbashi 1-chome, Minato-ku,
Tokyo 105-0003 (JP).

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(71) Applicant (for all designated States except US): **SEIKO
EPSON CORPORATION [JP/JP]**; 4-1, Nishishinjuku
2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

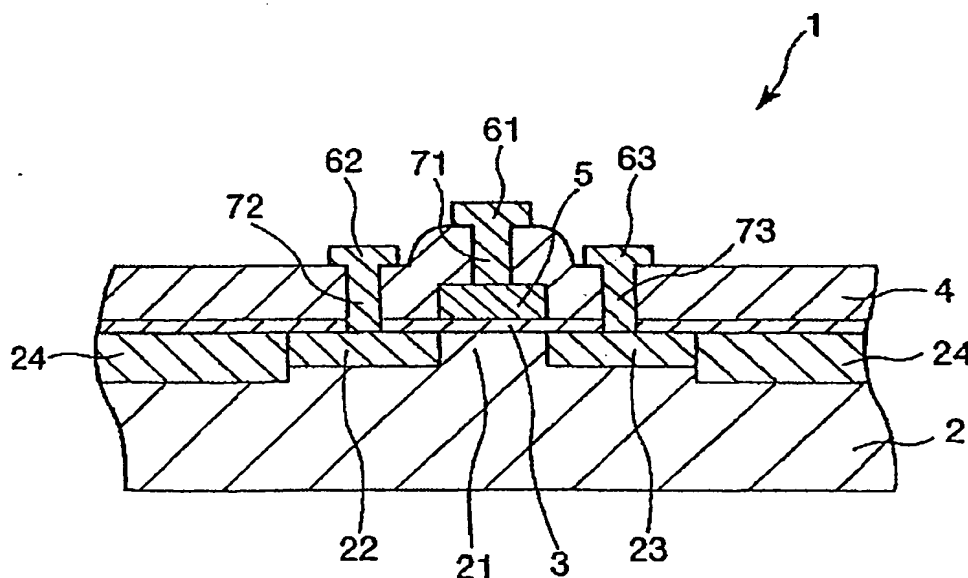
(72) Inventor; and

(75) Inventor/Applicant (for US only): **MIYATA, Masayasu**
[JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome,
Suwa-shi, Nagano 392-8502 (JP).

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(54) Title: A SEMICONDUCTOR DEVICE, AN ELECTRONIC DEVICE AND AN ELECTRONIC APPARATUS



(57) Abstract: A semiconductor device 1 includes: a base 2 mainly formed of a semiconductor material; a gate electrode 5; and a gate insulating film 3 provided between the base 2 and the gate electrode 5. The gate insulating film 3 is formed of an insulative inorganic material containing silicon, oxygen and element X other than silicon and oxygen as a main material. The gate insulating film 3 is provided in contact with the base 2, and contains hydrogen atoms. The gate insulating film 3 has a region where A and B satisfy the relation: B/A is 10 or less in the case where the total concentration of the element X in the region is defined as A and the total concentration of hydrogen in the region is defined as B. Further, the region is at least a part of the gate insulating film 3 in the thickness direction thereof.

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